

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Elena V. Bolchakova et al.

Serial No.: 10/799,369

Filed: March 12, 2004

For: **THERMUS SCOTODUCTUS
NUCLEIC ACID
POLYMERASES**

Group Art Unit: 1652

Examiner: Richard G. Hutson

Confirmation No.: 6361

CERTIFICATE OF E-FILEING

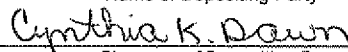
I hereby certify that this correspondence is being submitted electronically, using USPTO EFS, and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

July 30, 2008

Date of Deposit

Cynthia K. Dawn

Name of Depositing Party



Signature of Depositing Party

AMENDMENT AND RESPONSE TO OFFICE ACTION AND NOTICE OF NON-COMPLIANT AMENDMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Responsive to the Notice of Non-Compliant Amendment mailed on June 30, 2008 and the Office Action mailed on January 10, 2008, applicants respectfully request reconsideration in view of the following amendments.

Amendments

Amendments to the specification begin on page 2.

Amendments to the claims are reflected in the listing of claims, which begins on page 3.

Remarks begin on page 4.